

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

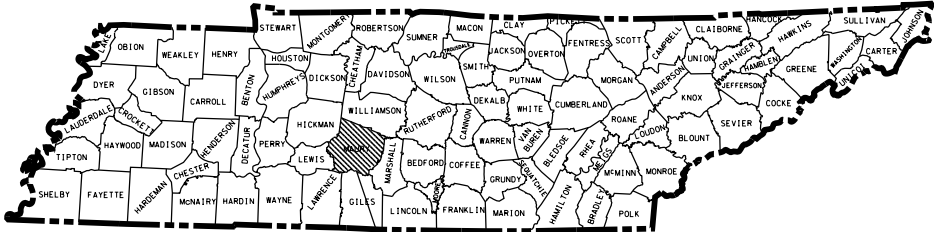
MAURY COUNTY

SATURN PARKWAY EXTENSION
EXTEND SR-396 TO SR-247

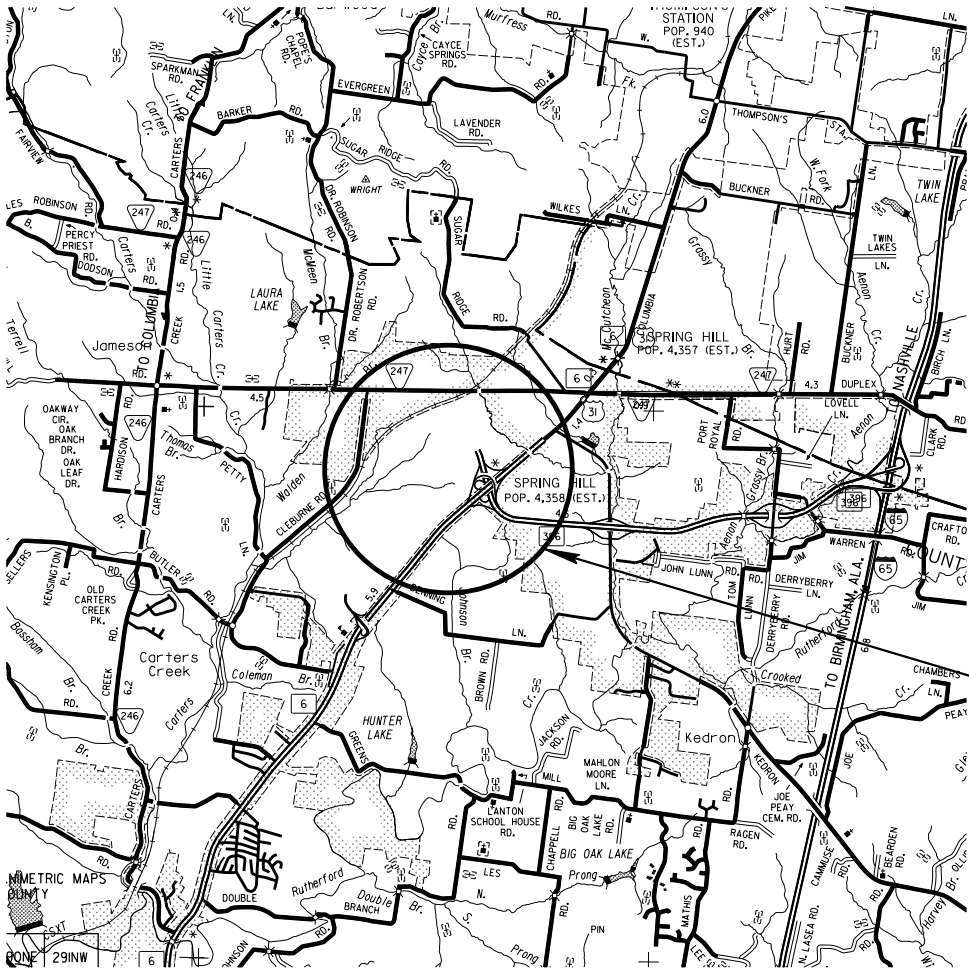
TECHNICAL STUDY

STATE HIGHWAY NO. F.A.H.S. NO.

TENN.	YEAR	SHEET NO.
	2016	1
FED. AID PROJ. NO.	STP-396(4)	
STATE PROJ. NO.	60100-1209-04	



MAURY COUNTY



SCALE: 1"= 1 MILE



SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT C.E. MANAGER 1 OR
TDOT DESIGN MANAGER 1 _____
TDOT ROAD SP. SV. 2 _____
DESIGNED BY _____
DESIGNER _____ CHECKED BY _____

P.E. NO. _____

PIN NO. _____

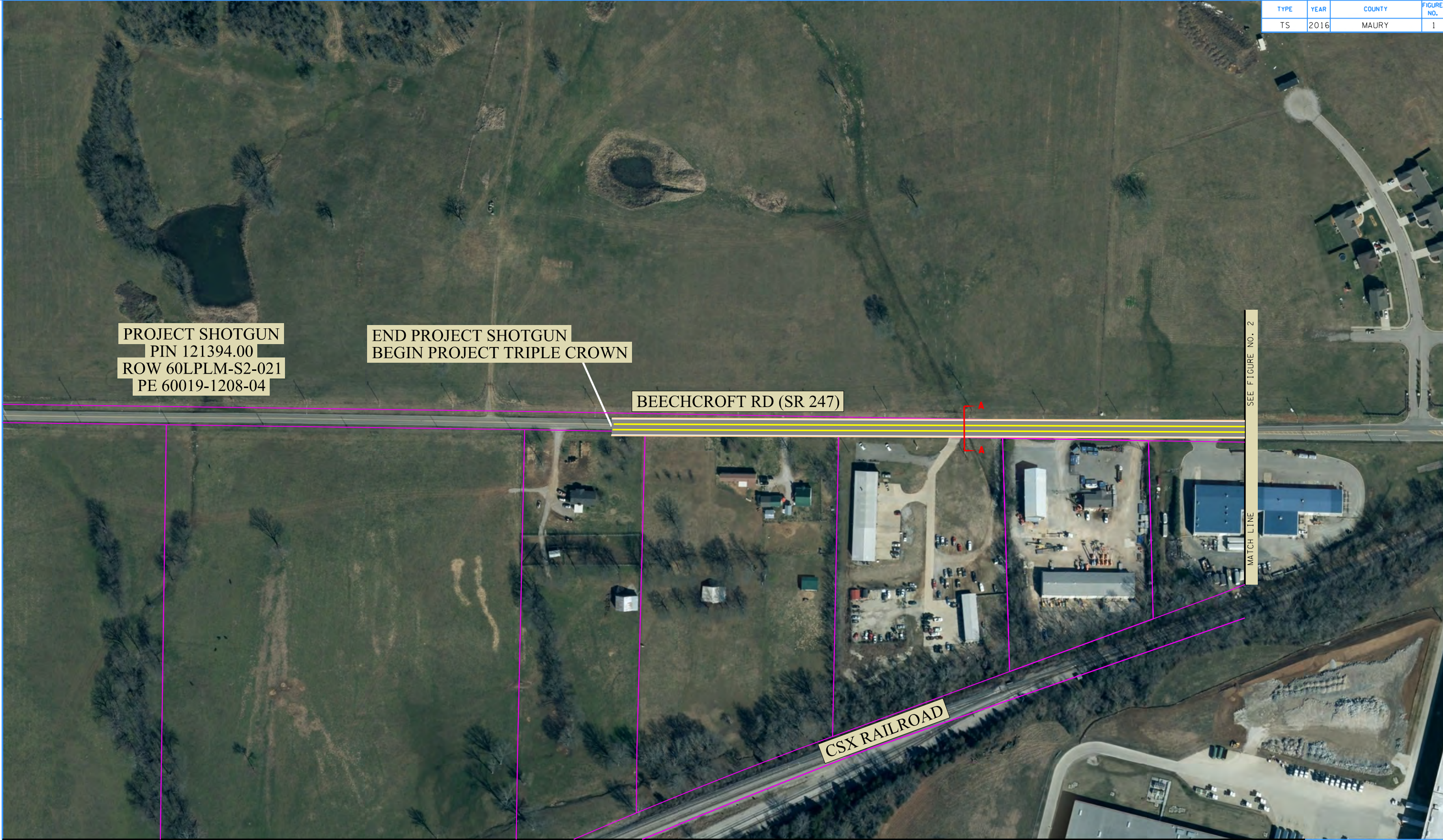
SEALED BY

APPROVED: Paul D. Degges
PAUL D. DEGGES, CHIEF ENGINEER

DATE: _____

APPROVED: John Schroer
JOHN SCHROER, COMMISSIONER

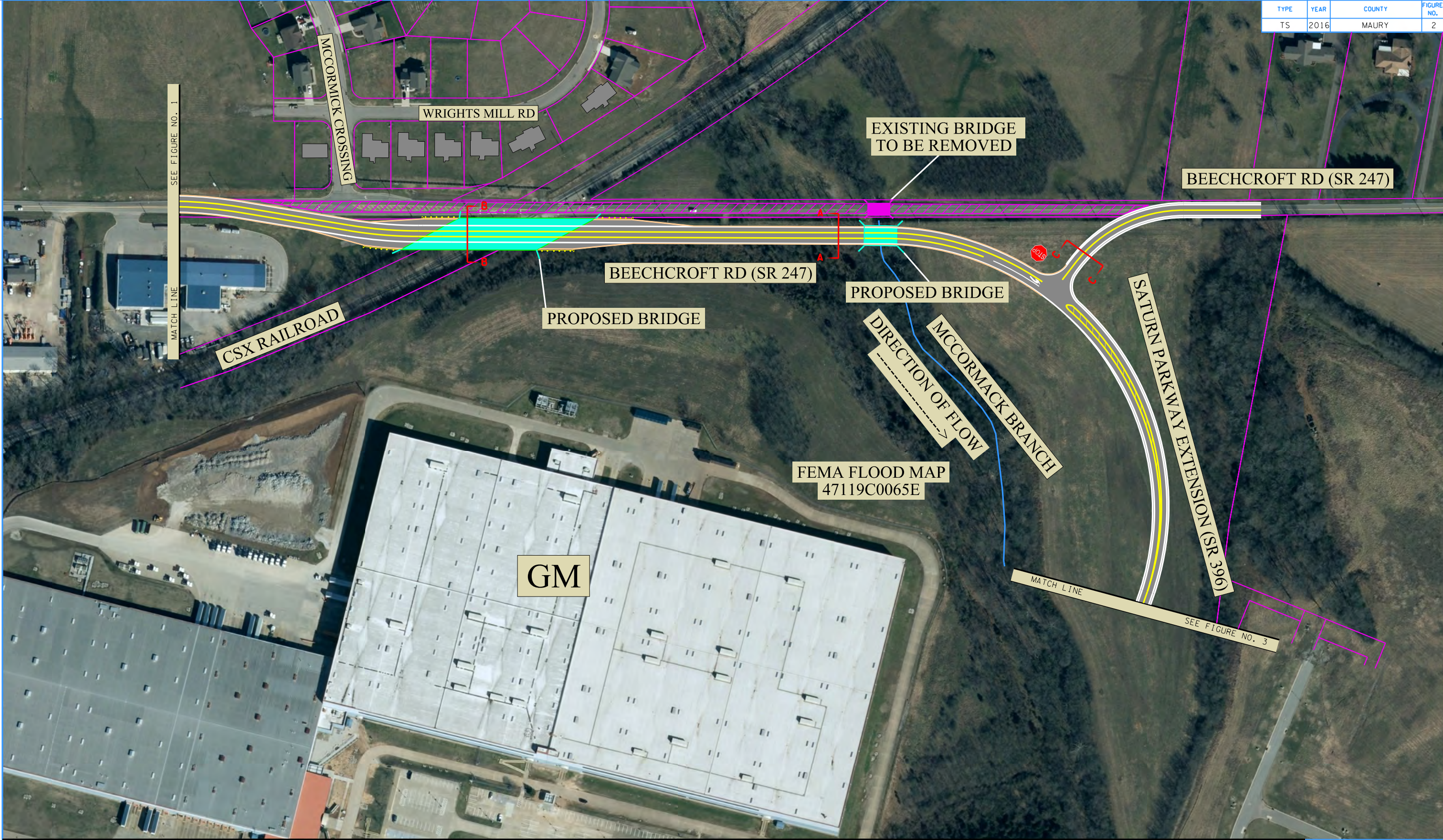
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED: _____	DATE _____
DIVISION ADMINISTRATOR	



6/1/2016 11:54:12 AM
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TECHNICAL STUDY
SATURN PARKWAY EXTENSION
PIN 123399.00
MAURY COUNTY



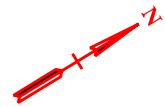
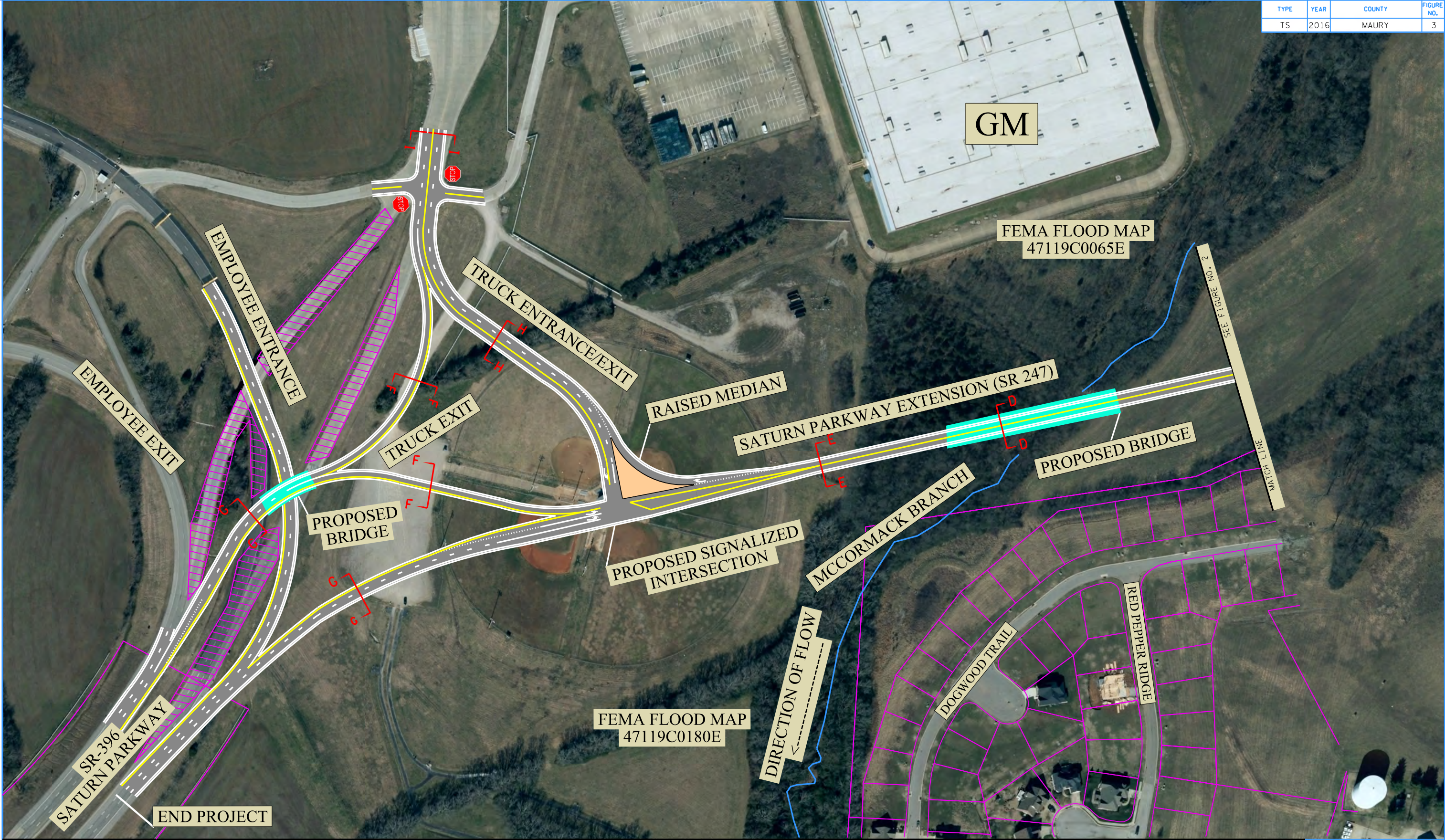
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TECHNICAL STUDY

SATURN PARKWAY EXTENSION
PIN 123399.00
MAURY COUNTY

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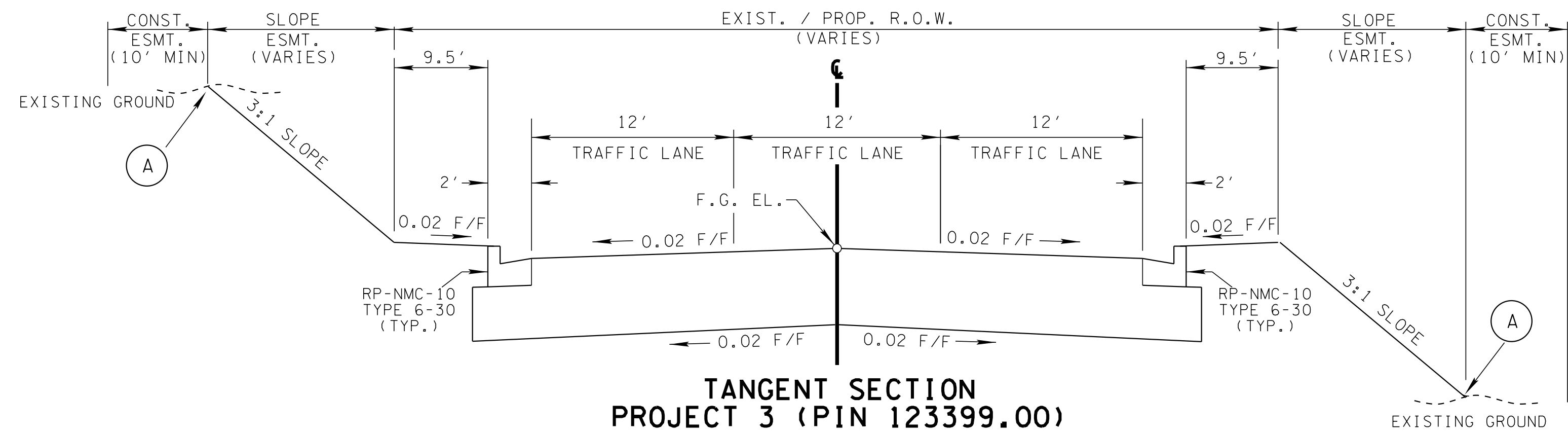
TECHNICAL STUDY

SATURN PARKWAY EXTENSION
PIN 123399.00
MAURY COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
S.T.I.D.

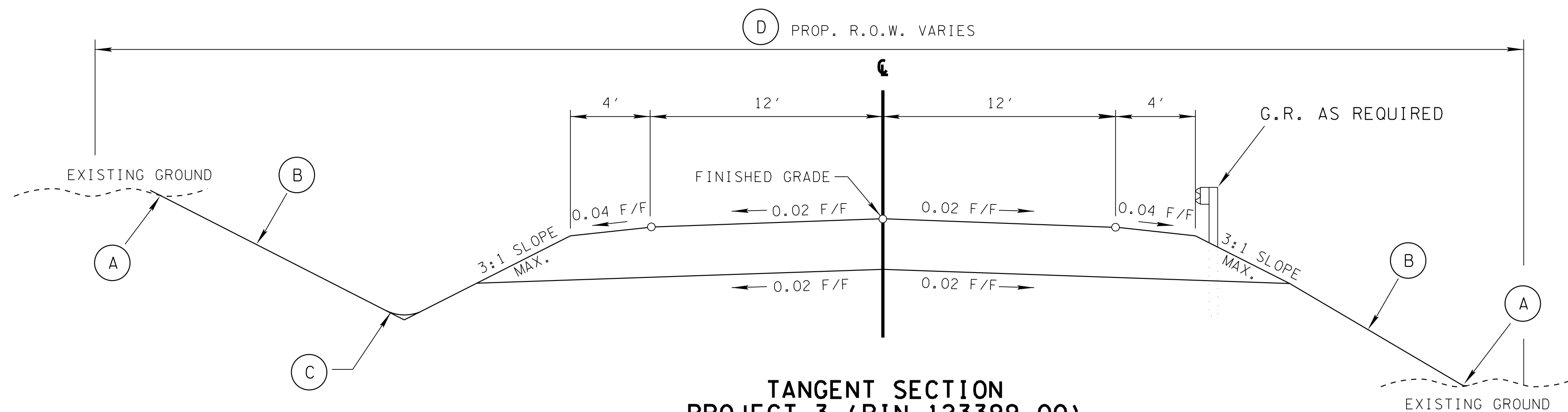
FIGURE 3
SATURN
PARKWAY
EXTENSION

TYPE	YEAR	COUNTY	FIGURE NO.
TS	2016	MAURY	4



TANGENT SECTION
PROJECT 3 (PIN 123399.00)
(BASED ON STD. DWG. RD01-TS-7A)

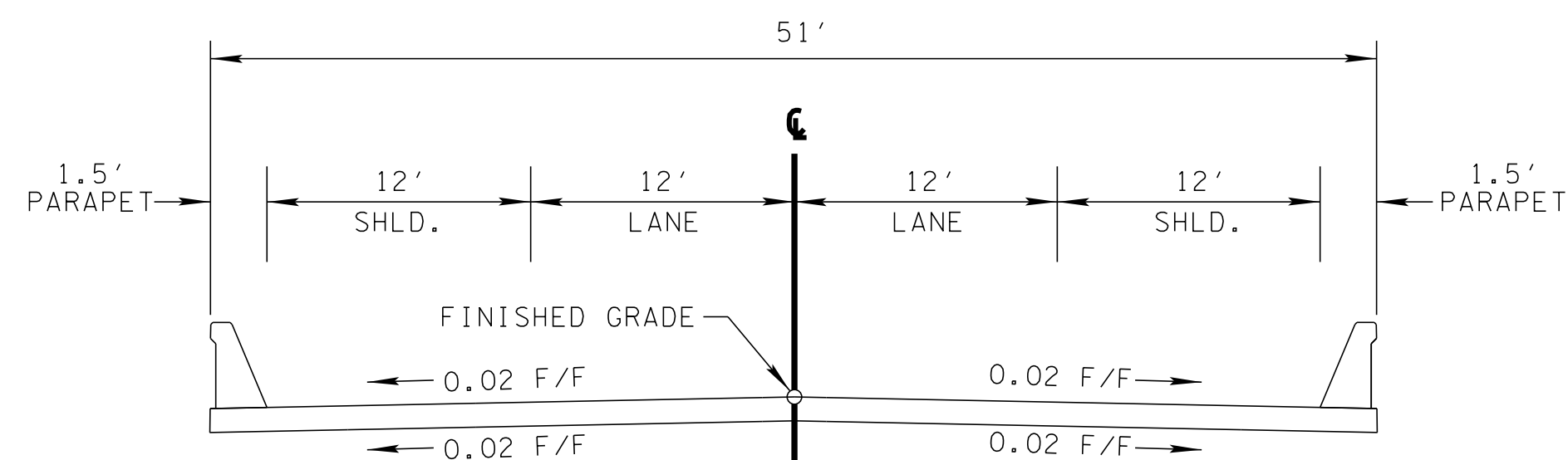
SECTION A-A



TANGENT SECTION
PROJECT 3 (PIN 123399.00)

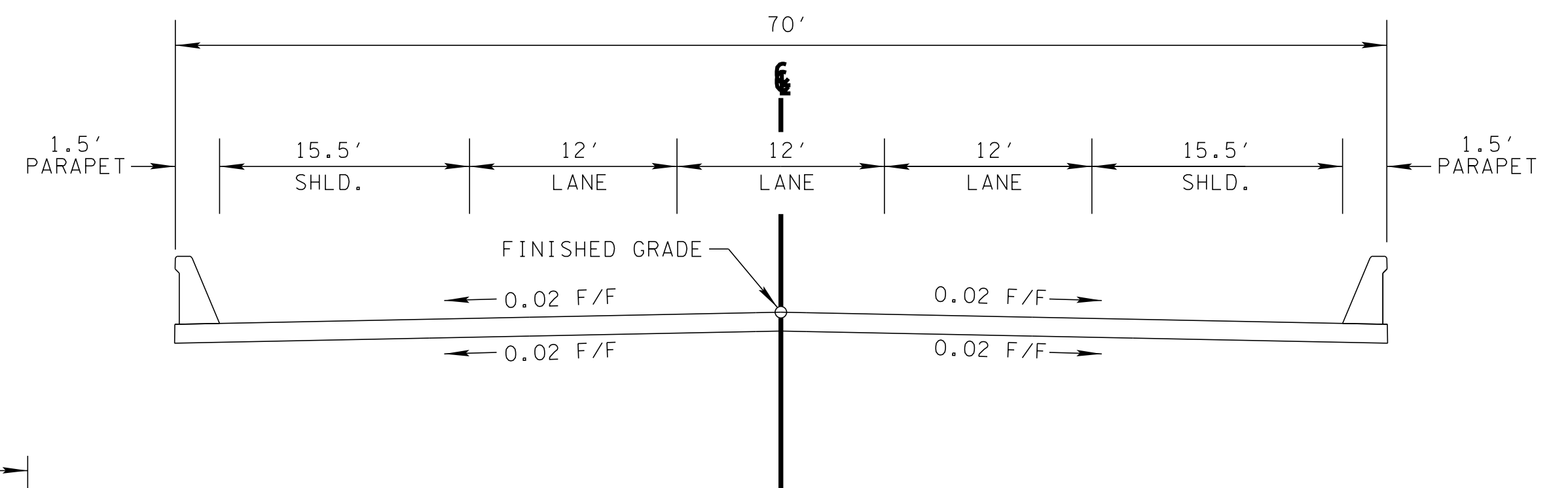
(BASED ON STD. DWG. RD01-TS-1)

SECTION C-C



TANGENT BRIDGE SECTION
PROJECT 3 (PIN 123399.00)

SECTION D-D



TANGENT BRIDGE SECTION
PROJECT 3 (PIN 123399.00)

SECTION B-B

BRIDGE TO ACCOMMODATE FUTURE 5-LANE SECTION
(5-11' LANES WITH 6' SHOULDERS)

FOOTNOTES

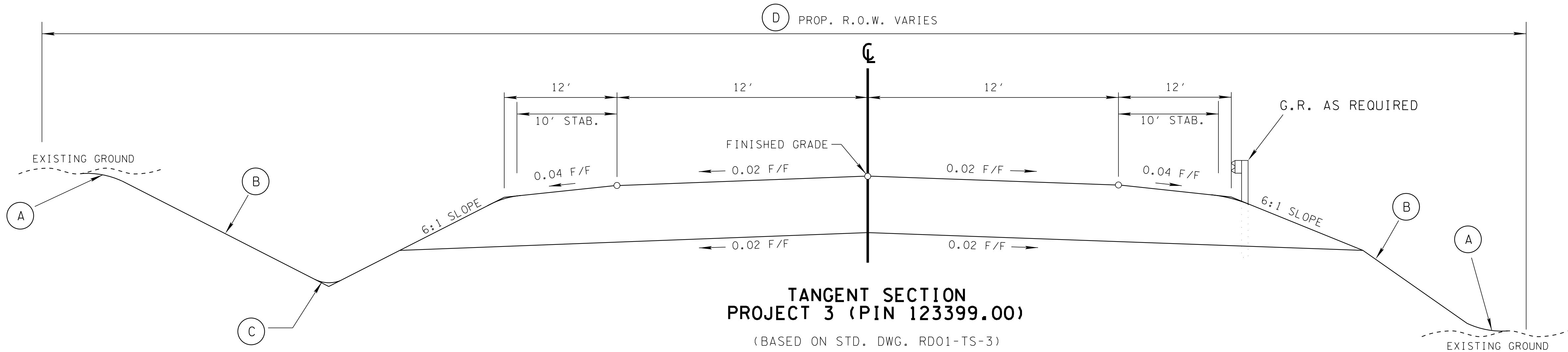
- | | |
|-----|--|
| (A) | SEE STD. DWG. RDO1-S-11 FOR ROUNDING. |
| (B) | SEE STD. DWG. RDO1-S-11 AND RDO1-S-11B FOR DESIRABLE CUT AND FILL SLOPES AND NOTES REGARDING GEOLOGICAL RECOMMENDATIONS. |
| (C) | SEE STD. DWG. RDO1-S-11A FOR DITCH ROUNDING. |
| (D) | SEE REFERENCED STD. DWG. FOR DESIRABLE RIGHT-OF-WAY LIMITS. |

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
S.T.I.D.

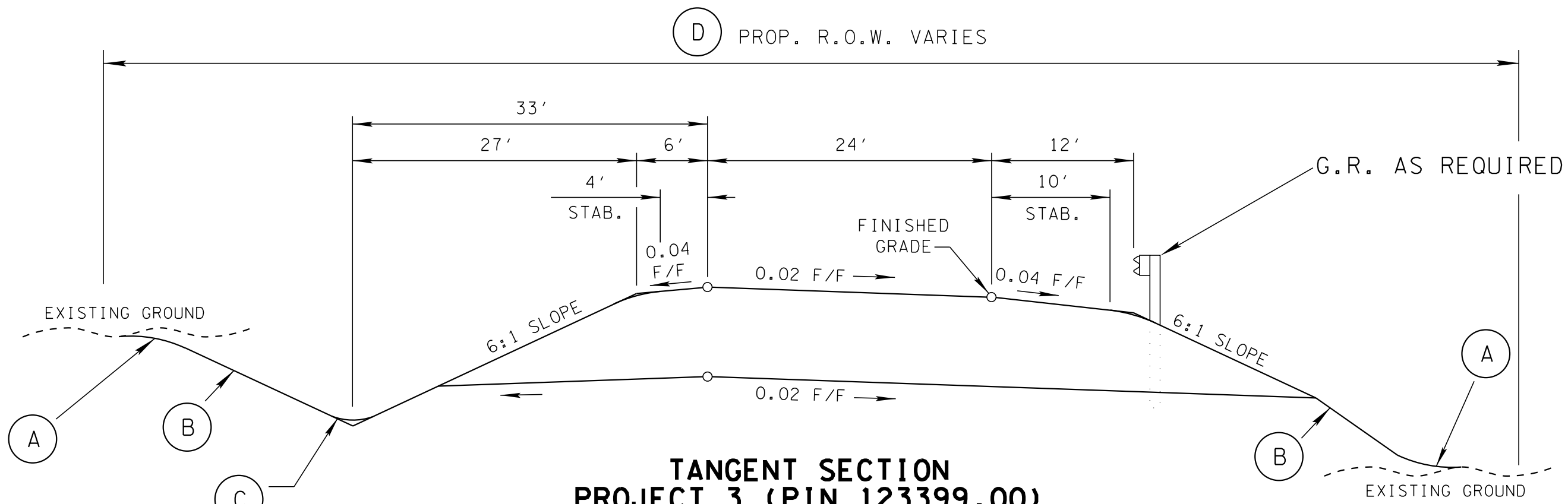
FIGURE 4
SATURN
PARKWAY
EXTENSION

TECHNICAL STUDY

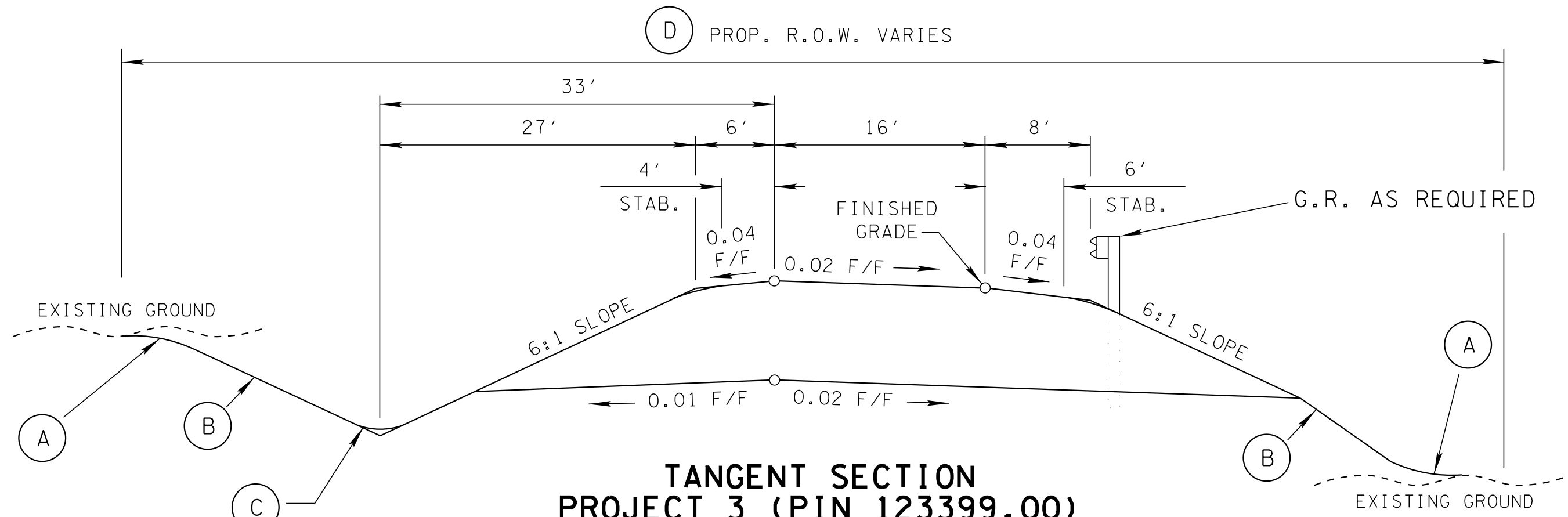
SATURN PARKWAY EXTENSION
PIN 123399.00
MAURY COUNTY



SECTION E-E



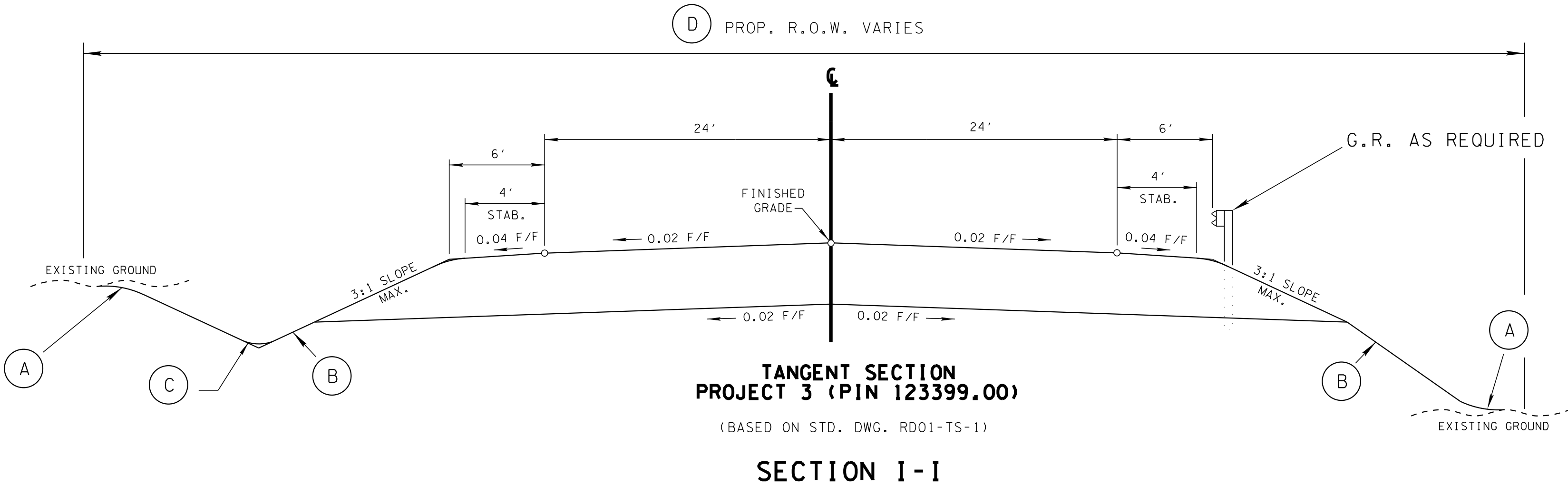
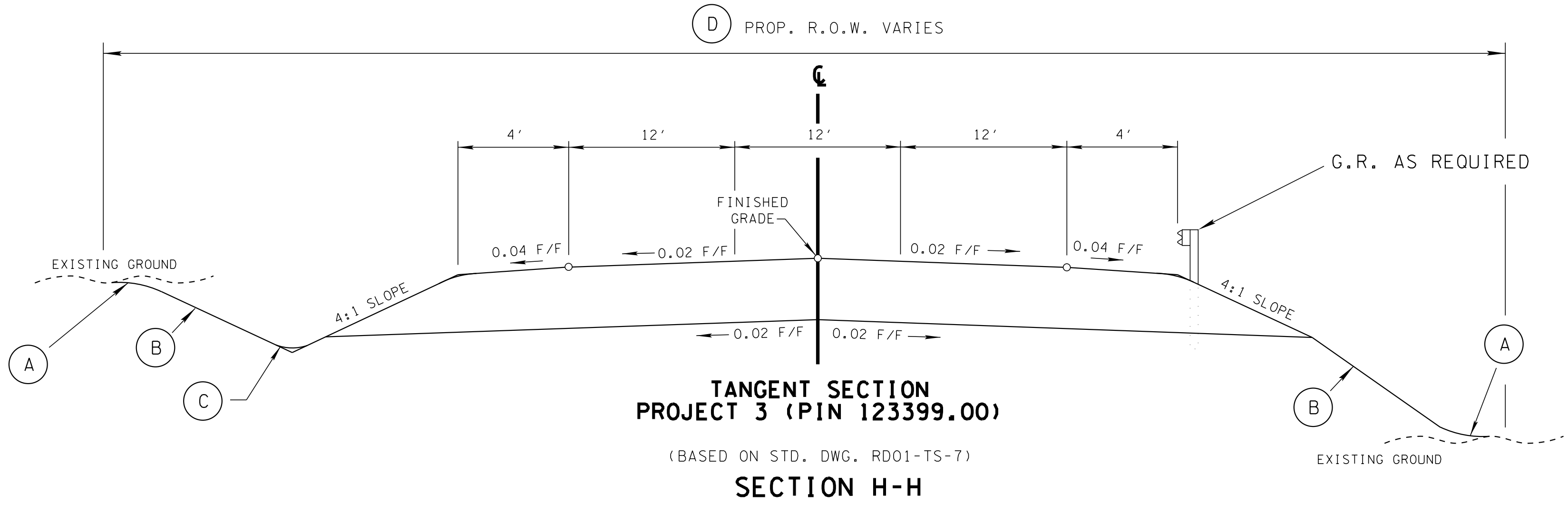
SECTION G-G



SECTION F-F

FOOTNOTES

(A)	SEE STD. DWG. RD01-S-11 FOR ROUNDING.
(B)	SEE STD. DWG. RD01-S-11 AND RD01-S-11B FOR DESIRABLE CUT AND FILL SLOPES AND NOTES REGARDING GEOLOGICAL RECOMMENDATIONS.
(C)	SEE STD. DWG. RD01-S-11A FOR DITCH ROUNDING.
(D)	SEE REFERENCED STD. DWG. FOR DESIRABLE RIGHT-OF-WAY LIMITS.

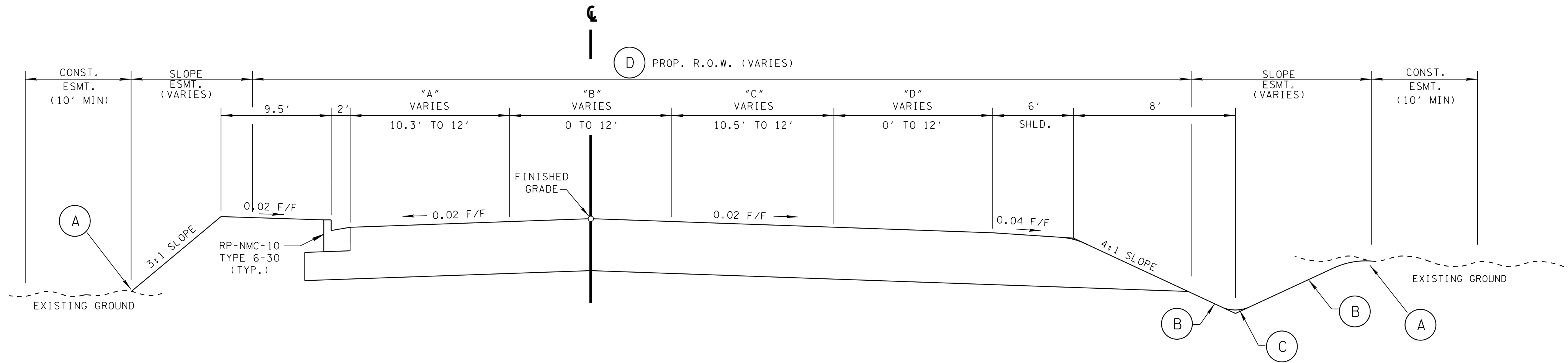


FOOTNOTES

- | | |
|-----|--|
| (A) | SEE STD. DWG. RD01-S-11 FOR ROUNDING. |
| (B) | SEE STD. DWG. RD01-S-11 AND RD01-S-11B FOR DESIRABLE CUT AND FILL SLOPES AND NOTES REGARDING GEOLOGICAL RECOMMENDATIONS. |
| (C) | SEE STD. DWG. RD01-S-11A FOR DITCH ROUNDING. |
| (D) | SEE REFERENCED STD. DWG. FOR DESIRABLE RIGHT-OF-WAY LIMITS. |

TECHNICAL STUDY

SATURN PARKWAY EXTENSION
PIN 123399.00
MAURY COUNTY



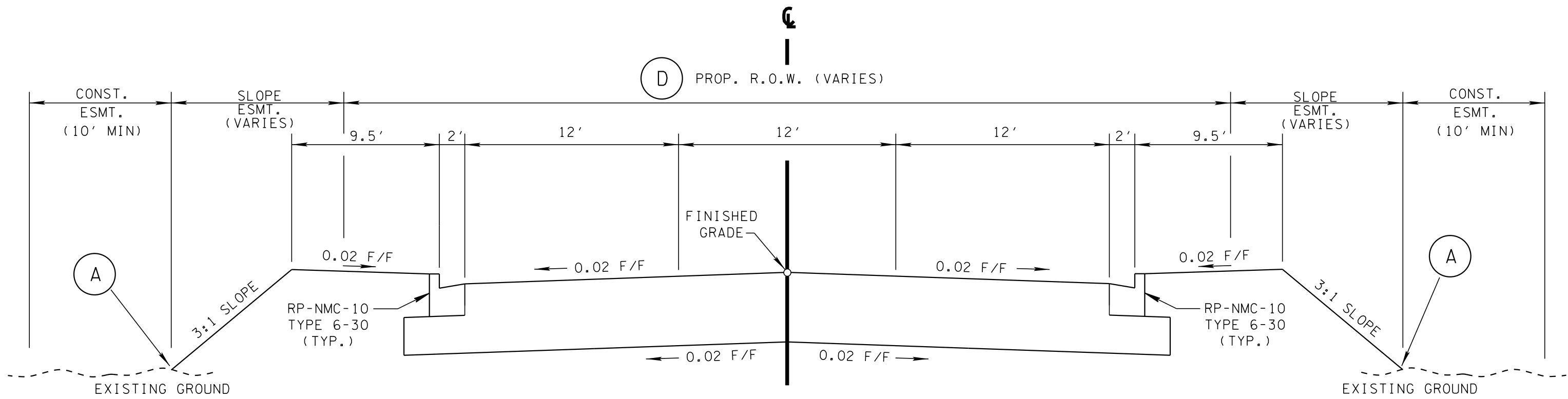
**TANGENT SECTION
PROJECT 1 (PIN 117319.01)**

(BASED ON STD. DWG. RD01-TS-2)

S.R. 247 (BEECHCROFT RD.)

STA. 12+25.00 TO STA. 17+64.00

TABLE OF DIMENSIONS S.R. 247 (BEECHCROFT RD.)					
DIMENSION	WIDTH (FT)	STATION	WIDTH (FT)	STATION	REMARKS
"A"	10.30	12+25.00	12.00	16+35.00	TRANSITION
"A"	12.00	16+35.00	12.00	17+64.00	
"B"	0	12+25.00	12.00	16+35.00	TRANSITION
"B"	12.00	16+35.00	12.00	17+64.00	
"C"	10.50	12+25.00	12.00	12+65.00	TRANSITION
"C"	12.00	12+65.00	12.00	17+64.00	
"D"	0	12+25.00	0	12+65.00	
"D"	0	12+65.00	12.00	16+35.00	TRANSITION
"D"	12.00	16+35.00	12.00	17+64.00	



**TANGENT SECTION
PROJECT 1 (PIN 117319.01)**

(BASED ON STD. DWG. RD01-TS-6A)

S.R. 247 (BEECHCROFT RD.)

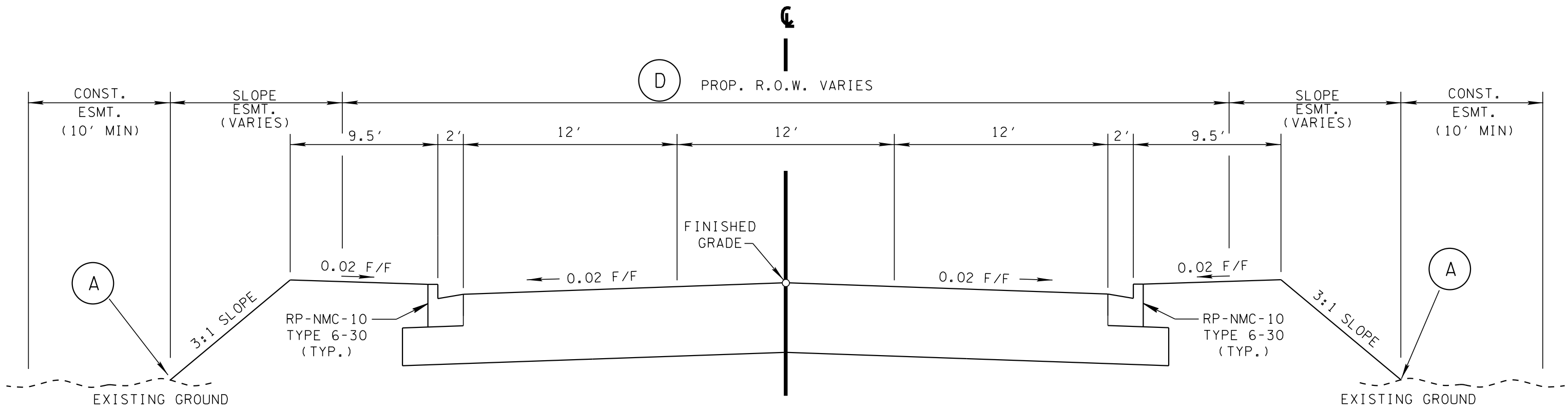
STA. 18+45.00 TO STA. 21+55.00

FOOTNOTES

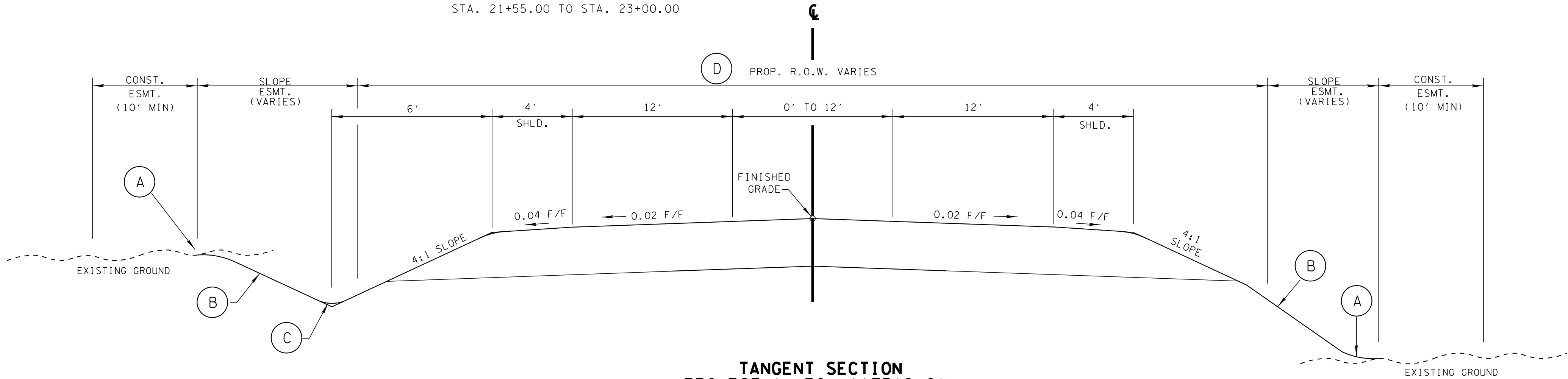
(A)	SEE STD. DWG. RD01-S-11 FOR ROUNDING.
(B)	SEE STD. DWG. RD01-S-11 AND RD01-S-11B FOR DESIRABLE CUT AND FILL SLOPES AND NOTES REGARDING GEOLOGICAL RECOMMENDATIONS.
(C)	SEE STD. DWG. RD01-S-11A FOR DITCH ROUNDING.
(D)	SEE REFERENCED STD. DWG. FOR DESIRABLE RIGHT-OF-WAY LIMITS.

TECHNICAL STUDY

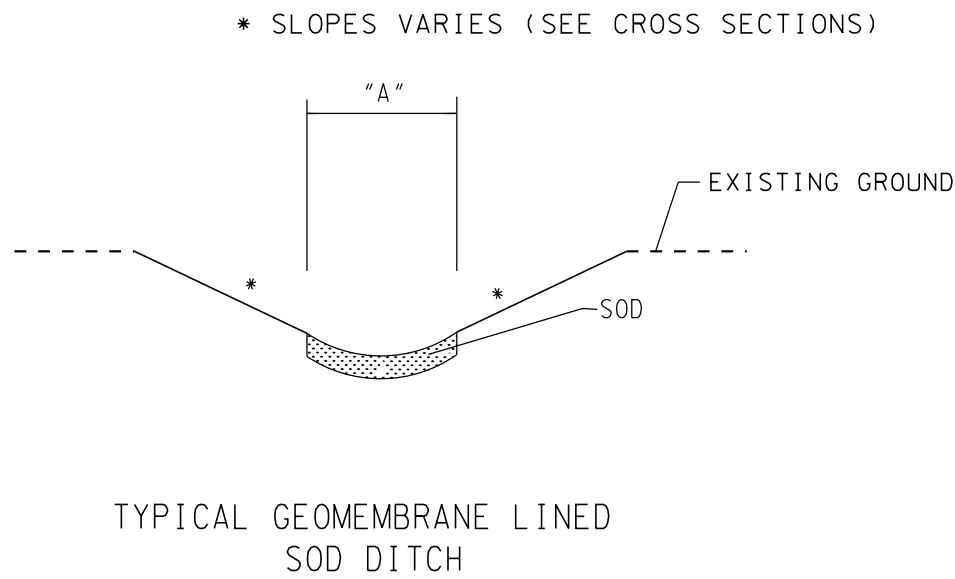
SR-247 (BEECHCROFT ROAD)
PIN 117319.01
MAURY COUNTY



**TANGENT SECTION
PROJECT 1 (PIN 117319.01)**
(BASED ON STD. DWG. RD01-TS-6A)
S.R. 247 (BEECHCROFT RD.)
STA. 17+64.00 TO STA. 18+45.00
STA. 21+55.00 TO STA. 23+00.00



**TANGENT SECTION
PROJECT 1 (PIN 117319.01)**
(BASED ON STD. DWG. RD01-TS-2)
CLEBURNE ROAD
STA. 20+00.00 TO STA. 24+25.00



**TYPICAL GEOMEMBRANE LINED
SOD DITCH**

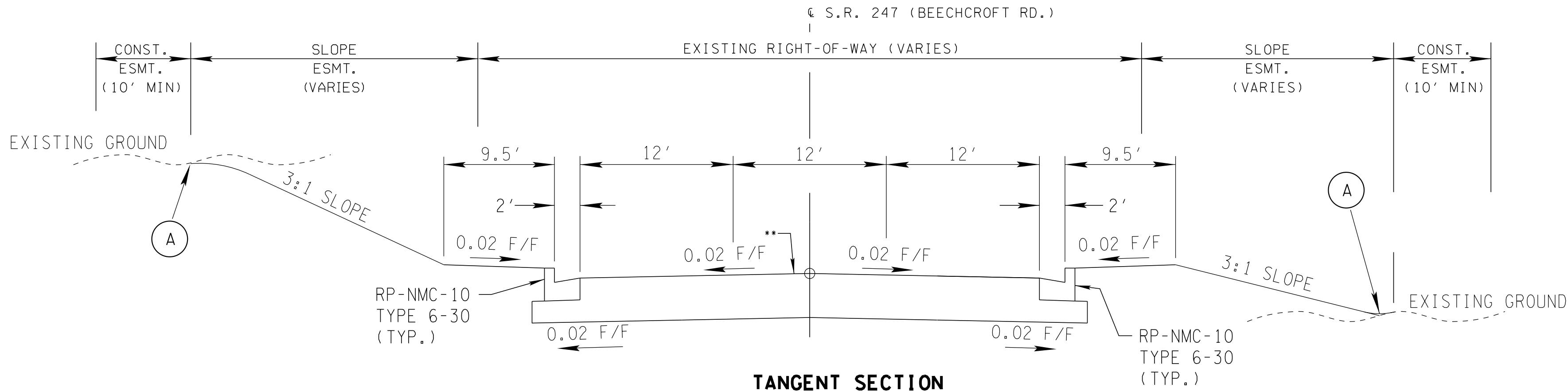
ROAD NAME	FROM STA.	TO STA.	LT/RT
BEECHCROFT	STA 11+50.00	STA 12+50.00	RT

FOOTNOTES

- (A) SEE STD. DWG. RD01-S-11 FOR ROUNDING.
- (B) SEE STD. DWG. RD01-S-11 AND RD01-S-11B FOR DESIRABLE CUT AND FILL SLOPES AND NOTES REGARDING GEOLOGICAL RECOMMENDATIONS.
- (C) SEE STD. DWG. RD01-S-11A FOR DITCH ROUNDING.
- (D) SEE REFERENCED STD. DWG. FOR DESIRABLE RIGHT-OF-WAY LIMITS.

TECHNICAL STUDY

SR-247 (BEECHCROFT ROAD)
PIN 117319.01
MAURY COUNTY



** EXISTING PAVEMENT TO BE COLD
PLANED A DEPTH OF 1.5 INCHES (+/-)
AND RESURFACED.

**TANGENT SECTION
PROJECT 2 (PIN 121394.00)**

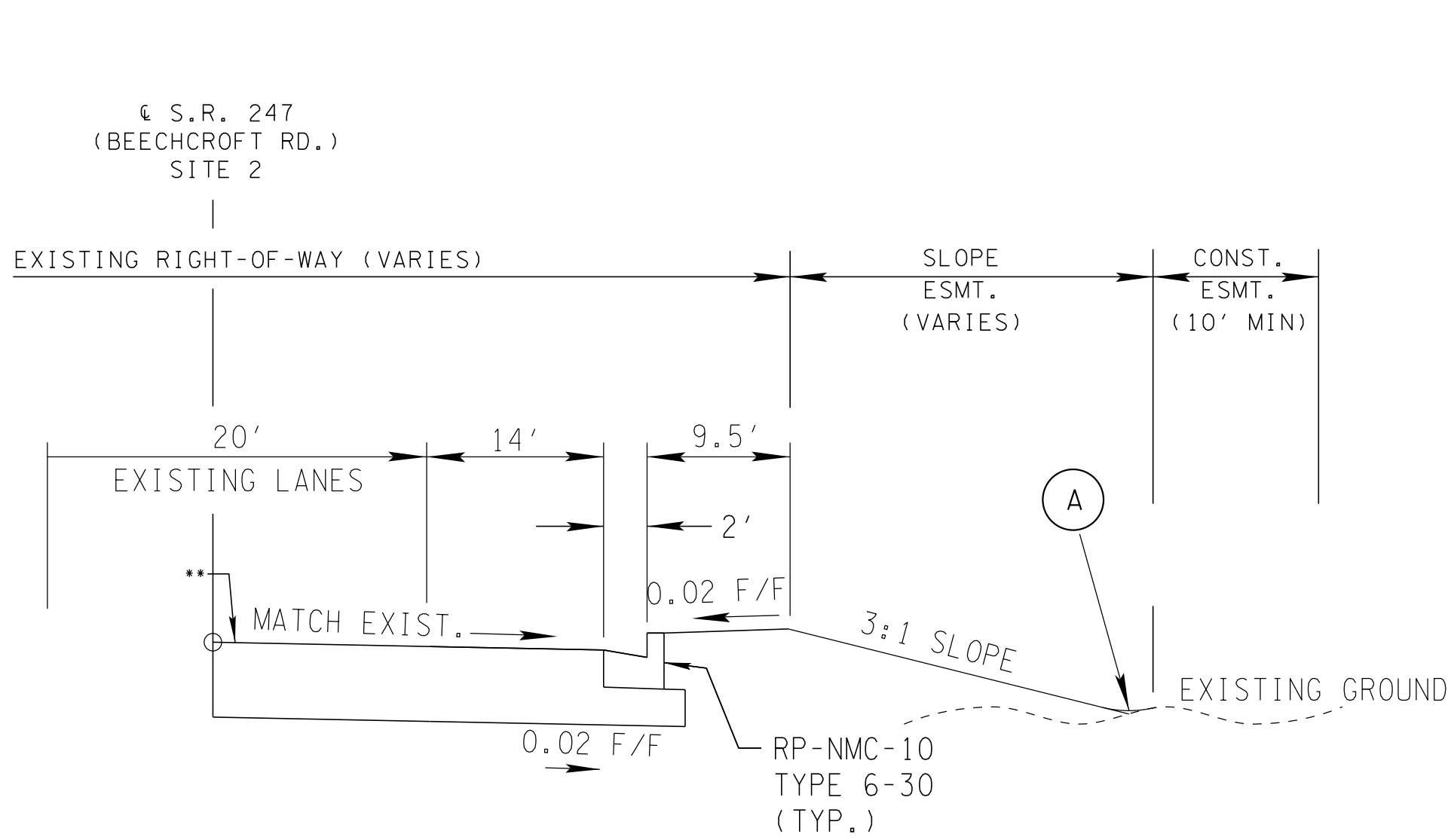
(BASED ON STD. DWG. RD01-TS-7A)

S.R. 247 (BEECHCROFT RD.)

STA. 23+00.00 TO STA. 26+50.00

STA. 29+08.00 TO STA. 38+80.00

STA. 45+00.00 TO STA. 50+50.00

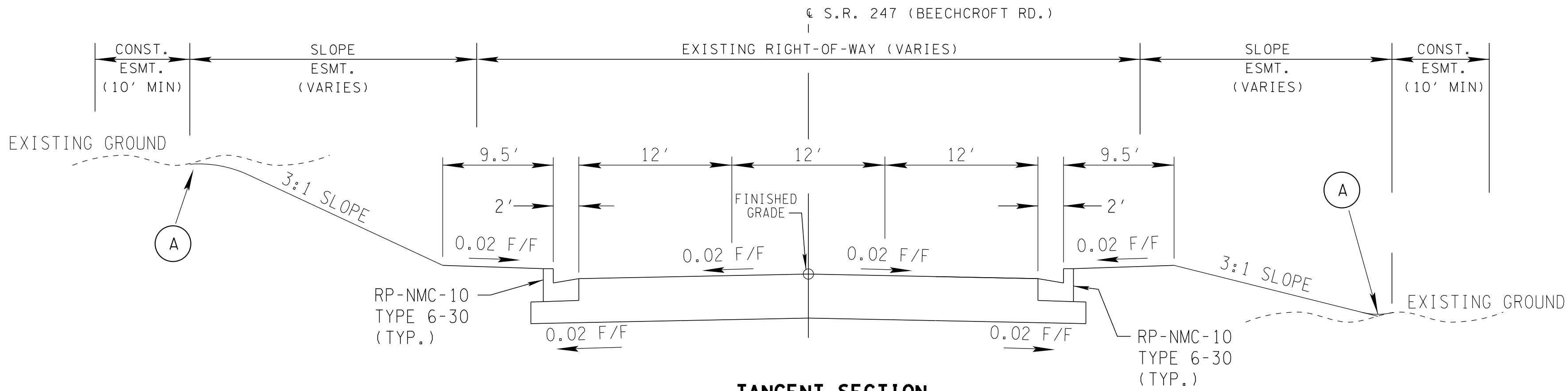


**TANGENT SECTION
PROJECT 2 (PIN 121394.00)**

RIGHT TURN LANE

S.R. 247 (BEECHCROFT RD.)

STA. 102+00.00 TO STA. 107+31.27



**TANGENT SECTION
PROJECT 2 (PIN 121394.00)**

(BASED ON STD. DWG. RD01-TS-7A)

S.R. 247 (BEECHCROFT RD.)

STA. 26+50.00 TO STA. 29+08.00

STA. 38+80.00 TO STA. 45+00.00

FOOTNOTES

(A) SEE STD. DWG. RD01-S-11 FOR ROUNDING.

TECHNICAL STUDY

SR-247 (BEECHCROFT ROAD)
PIN 121394.00
MAURY COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
S.T.I.D.

FIGURE 9
SR-247